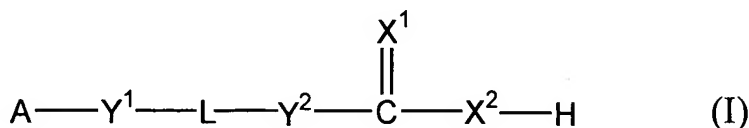


In the claims:

Please amend the claims as follows:

1. (Currently Amended) A compound of formula (I):



wherein

A is a cyclic moiety selected from the group consisting of C₃₋₁₄ cycloalkyl, 3-14 membered heterocycloalkyl, C₄₋₁₄ cycloalkenyl, 3-14 membered heterocycloalkenyl, aryl, and heteroaryl; the cyclic moiety being optionally substituted with alkyl, alkenyl, alkynyl, alkoxy, hydroxyl, hydroxylalkyl, halo, haloalkyl, amino, alkylcarbonyloxy, alkyloxycarbonyl, alkylcarbonyl, alkylsulfonylamino, aminosulfonyl, or alkylsulfonyl;

each of X¹ and X², independently, is O or S;

each of Y¹ and Y², independently, is -CH₂-, -O-, -S-, -N(R^a)-, -N(R^a)-C(O)-O-, -O-C(O)-N(R^a)-, -N(R^a)-C(O)-N(R^b)-, -O-C(O)-O-, or a bond; each of R^a and R^b, independently, being hydrogen, alkyl, alkenyl, alkynyl, alkoxy, hydroxylalkyl, hydroxyl, or haloalkyl;

L is a straight C₃₋₁₂ hydrocarbon chain optionally containing at least one double bond, at least one triple bond, or at least one double bond and one triple bond; said hydrocarbon chain being optionally substituted with C₁₋₄ alkyl, C₂₋₄ alkenyl, C₂₋₄ alkynyl, C₁₋₄ alkoxy, hydroxyl, halo, amino, nitro, cyano, C₃₋₅ cycloalkyl, 3-5 membered heterocycloalkyl, monocyclic aryl, 5-6 membered heteroaryl, C₁₋₄ alkylcarbonyloxy, C₁₋₄ alkyloxycarbonyl, C₁₋₄ alkylcarbonyl, or formyl; and further being optionally interrupted by -O-, -N(R^c)-, -N(R^c)-C(O)-O-, -O-C(O)-N(R^c)-, -N(R^c)-C(O)-N(R^d)-, or -O-C(O)-O-; each of R^c and R^d, independently, being hydrogen,

alkyl, alkenyl, alkynyl, alkoxy, hydroxylalkyl, hydroxyl, or haloalkyl; provided that when L contains two or more double bonds, the double bonds are not adjacent to each other; that when L contains three double bonds, said hydrocarbon chain is further substituted with C₁₋₄ alkyl, C₂₋₄ alkenyl, C₂₋₄ alkynyl, C₁₋₄ alkoxy, hydroxyl, halo, amino, nitro, cyano, C₃₋₅ cycloalkyl, 3-5 membered heterocycloalkyl, monocyclic aryl, 5-6 membered heteroaryl, C₁₋₄ alkylcarbonyloxy, C₁₋₄ alkyloxycarbonyl, C₁₋₄ alkylcarbonyl, or formyl; and further provided that when L contains zero double bonds, one double bond, or two conjugated double bonds and A is C₁₋₄-alkyl substituted phenyl or unsubstituted ~~phenyl~~ aryl, Y¹ is not a bond or CH₂, and Y² is not a bond or CH₂;

or a salt thereof.

2. (Original) The compound of claim 1, wherein X¹ is O.
3. (Original) The compound of claim 1, wherein X² is O.
4. (Original) The compound of claim 1, where each of X¹ and X² is O.
5. (Original) The compound of claim 1, wherein each of Y¹ and Y², independently, is -CH₂, -O-, -N(R^a)-, or a bond.
6. (Canceled)

7. (Original) The compound of claim 1, wherein L is an unsaturated C₄₋₈ hydrocarbon chain containing at least one double bond and no triple bond, said unsaturated hydrocarbon chain being optionally substituted with C₁₋₂ alkyl, C₁₋₂ alkoxy, hydroxyl, -NH₂, -NH(C₁₋₂ alkyl), or -N(C₁₋₂ alkyl)₂, or -N(C₁₋₂ alkyl)₂.

8. (Original) The compound of claim 7, wherein the double bond is in trans configuration.

9-11. (Canceled)

12
cancel
12. (Original) The compound of claim 1, wherein A is phenyl, naphthyl, indanyl, or tetrahydronaphthyl.

13. (Previously Amended) The compound of claim 1, wherein A is phenyl optionally substituted with alkyl, alkenyl, hydroxyl, hydroxylalkyl, halo, haloalkyl, or amino.

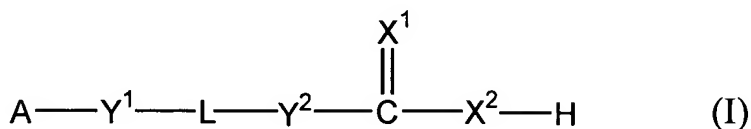
14-15. (Canceled)

16. (Original) The compound of claim 13, wherein L is an unsaturated C₄₋₈ hydrocarbon chain containing only double bonds in trans configuration, said unsaturated hydrocarbon chain being optionally substituted with C₁₋₂ alkyl, C₁₋₂ alkoxy, hydroxyl, -NH₂, -NH(C₁₋₂ alkyl), or -N(C₁₋₂ alkyl)₂.

17. (Original) The compound of claim 16, wherein X^1 is O; X^2 is O; and each of Y^1 and Y^2 , independently, is $-CH_2-$, $-O-$, $-N(R^a)-$, or a bond.

✓ 18-21. (Canceled)

22. (Currently Amended): A compound of formula (I):



wherein

A is a cyclic moiety selected from the group consisting of aryl and heteroaryl; the cyclic moiety being optionally substituted with alkyl, alkenyl, alkynyl, alkoxy, hydroxylalkyl, or amino;

each of X^1 and X^2 , independently, is O or S;

each of Y^1 and Y^2 , independently, is $-CH_2-$, $-O-$, $-S-$, $-N(R^a)-$, $-N(R^a)-C(O)-O-$, $-O-C(O)-N(R^a)-$, $-N(R^a)-C(O)-N(R^b)-$, $-O-C(O)-O-$, or a bond; each of R^a and R^b , independently, being hydrogen, alkyl, hydroxylalkyl, or haloalkyl;

l2

L is a straight C_{3-12} hydrocarbon chain optionally containing at least one double bond, at least one triple bond, or at least one double bond and one triple bond; said hydrocarbon chain being optionally substituted with C_{1-4} alkyl, C_{2-4} alkenyl, C_{2-4} alkynyl, C_{1-4} alkoxy, or amino, and further optionally interrupted by $-O-$ or $-N(R^c)-$, where R^c is hydrogen, alkyl, hydroxylalkyl, or haloalkyl; provided that when L contains two or more double bonds, the double bonds are not

adjacent to each other; that when L contains three double bonds, said hydrocarbon chain is substituted with C₁₋₄ alkyl, C₂₋₄ alkenyl, C₂₋₄ alkynyl, C₁₋₄ alkoxy, or amino; and further provided that when L contains zero double bonds, one double bond, or two conjugated double bonds and A is C₁₋₄ alkyl phenyl, C₁₋₄ alkoxy phenyl, or unsubstituted ~~phenyl~~ aryl, Y¹ is not a bond or CH₂, and Y² is not a bond or CH₂;
or a salt thereof.

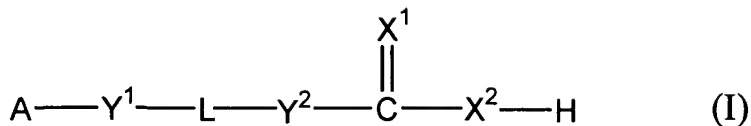
23-24. (Canceled)

25. (Original) The compound of claim 22, wherein L is an unsaturated C₄₋₈ hydrocarbon chain containing only double bonds in trans configuration, said unsaturated hydrocarbon chain being optionally substituted with C₁₋₂ alkyl, C₁₋₂ alkoxy, hydroxyl, -NH₂, -NH(C₁₋₂ alkyl), or -N(C₁₋₂ alkyl)₂.

26. (Original) The compound of claim 25, where in X¹ is O; X² is O; and each of Y¹ and Y², independently, is -CH₂-, -O-, N(R^a)-, or a bond.

27-79. (Canceled)

80. (Previously Added) A pharmaceutical composition, comprising an effective amount of a compound of formula (I):



wherein

A is a cyclic moiety selected from the group consisting of C₃₋₁₄ cycloalkyl, 3-14 membered heterocycloalkyl, C₄₋₁₄ cycloalkenyl, 3-14 membered heterocycloalkenyl, aryl, and heteroaryl; the cyclic moiety being optionally substituted with alkyl, alkenyl, alkynyl, alkoxy, hydroxyl, hydroxylalkyl, halo, haloalkyl, amino, alkylcarbonyloxy, alkyloxycarbonyl, alkylcarbonyl, alkylsulfonylamino, aminosulfonyl, or alkylsulfonyl;

each of X¹ and X², independently, is O or S;

each of Y¹ and Y², independently, is -CH₂-, -O-, -S-, -N(R^a)-, -N(R^a)-C(O)-O-, -O-C(O)-N(R^a)-, -N(R^a)-C(O)-N(R^b)-, -O-C(O)-O-, or a bond; each of R^a and R^b, independently, being hydrogen, alkyl, alkenyl, alkynyl, alkoxy, hydroxylalkyl, hydroxyl, or haloalkyl;

E1
Caris

L is a straight C₃₋₁₂ hydrocarbon chain optionally containing at least one double bond, ~~at least one triple bond~~, or at least one double bond and one triple bond; said hydrocarbon chain being optionally substituted with C₁₋₄ alkyl, C₂₋₄ alkenyl, C₂₋₄ alkynyl, C₁₋₄ alkoxy, hydroxyl, halo, amino, nitro, cyano, C₃₋₅ cycloalkyl, 3-5 membered heterocycloalkyl, monocyclic aryl, 5-6 membered heteroaryl, C₁₋₄ alkylcarbonyloxy, C₁₋₄ alkyloxycarbonyl, C₁₋₄ alkylcarbonyl, or formyl; and further being optionally interrupted by -O-, -N(R^c)-, -N(R^c)-C(O)-O-, -O-C(O)-N(R^c)-, -N(R^c)-C(O)-N(R^d)-, or -O-C(O)-O-; each of R^c and R^d, independently, being hydrogen, alkyl, alkenyl, alkynyl, alkoxy, hydroxylalkyl, hydroxyl, or haloalkyl;

or a salt thereof; and

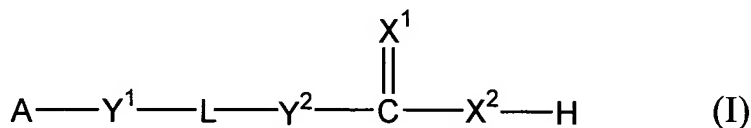
a pharmaceutically acceptable carrier.

81. (New) The compound of claim 80, wherein X^1 is O.
82. (New) The compound of claim 80, wherein X^2 is O.
83. (New) The compound of claim 80, where each of X^1 and X^2 is O.
84. (New) The compound of claim 80, wherein each of Y^1 and Y^2 , independently, is $-CH_2$, $-O-$, $-N(R^a)-$, or a bond.
85. (New) The compound of claim 80, wherein L is an unsaturated C_{4-8} hydrocarbon chain containing at least one double bond and no triple bond, said unsaturated hydrocarbon chain being optionally substituted with C_{1-2} alkyl, C_{1-2} alkoxy, hydroxyl, $-NH_2$, $-NH(C_{1-2} \text{ alkyl})$, or $-N(C_{1-2} \text{ alkyl})_2$, or $-N(C_{1-2} \text{ alkyl})_2$.
86. (New) The compound of claim 85, wherein the double bond is in trans configuration.
87. (New) The compound of claim 1, wherein A is phenyl, naphthyl, indanyl, or tetrahydronaphthyl.
88. (New) The compound of claim 80, wherein A is phenyl optionally substituted with alkyl, alkenyl, hydroxyl, hydroxylalkyl, halo, haloalkyl, or amino.

89. (New) The compound of claim 80, wherein L is an unsaturated C₄₋₈ hydrocarbon chain containing only double bonds in trans configuration, said unsaturated hydrocarbon chain being optionally substituted with C₁₋₂ alkyl, C₁₋₂ alkoxy, hydroxyl, -NH₂, -NH(C₁₋₂ alkyl), or -N(C₁₋₂ alkyl)₂.

90. (New) The compound of claim 89, wherein X¹ is O; X² is O; and each of Y¹ and Y², independently, is -CH₂-, -O-, -N(R^a)-, or a bond.

91. (New) A compound of formula (I):



wherein

A is a cyclic moiety selected from the group consisting of C₃₋₁₄ cycloalkyl, 3-14 membered heterocycloalkyl, C₄₋₁₄ cycloalkenyl, 3-14 membered heterocycloalkenyl, aryl, and heteroaryl; the cyclic moiety being optionally substituted with alkyl, alkenyl, alkynyl, alkoxy, hydroxyl, hydroxylalkyl, halo, haloalkyl, amino, alkylcarbonyloxy, alkyloxycarbonyl, alkylcarbonyl, alkylsulfonylamino, aminosulfonyl, or alkylsulfonyl;

each of X¹ and X², independently, is O or S;

Y¹ is -CH₂-, -S-, -N(R^a)-, -N(R^a)-C(O)-O-, -O-C(O)-N(R^a)-, -N(R^a)-C(O)-N(R^b)-, -O-C(O)-O-, or a bond; each of R^a and R^b, independently, being hydrogen, alkyl, alkenyl, alkynyl, alkoxy, hydroxylalkyl, hydroxyl, or haloalkyl;

Y^2 is $-\text{CH}_2-$, $-\text{O}-$, $-\text{S}-$, $-\text{N}(\text{R}^a)-$, $-\text{N}(\text{R}^a)-\text{C}(\text{O})-\text{O}-$, $-\text{O}-\text{C}(\text{O})-\text{N}(\text{R}^a)-$, $-\text{N}(\text{R}^a)-\text{C}(\text{O})-\text{N}(\text{R}^b)-$, $-\text{O}-\text{C}(\text{O})-\text{O}-$, or a bond;

L is a straight C_{3-6} hydrocarbon chain containing at least one double bond, at least one triple bond, or at least one double bond and one triple bond; said hydrocarbon chain being substituted with C_{1-4} alkyl, C_{2-4} alkenyl, C_{2-4} alkynyl, C_{1-4} alkoxy, halo, amino, nitro, cyano, C_{3-5} cycloalkyl, 3-5 membered heterocycloalkyl, monocyclic aryl, 5-6 membered heteroaryl, C_{1-4} alkylcarbonyloxy, C_{1-4} alkyloxycarbonyl, C_{1-4} alkylcarbonyl, or formyl; and further being optionally interrupted by $-\text{O}-$, $-\text{N}(\text{R}^c)-$, $-\text{N}(\text{R}^c)-\text{C}(\text{O})-\text{O}-$, $-\text{O}-\text{C}(\text{O})-\text{N}(\text{R}^c)-$, $-\text{N}(\text{R}^c)-\text{C}(\text{O})-\text{N}(\text{R}^d)-$, or $-\text{O}-\text{C}(\text{O})-\text{O}-$; each of R^c and R^d , independently, being hydrogen, alkyl, alkenyl, alkynyl, alkoxy, hydroxylalkyl, hydroxyl, or haloalkyl;

or a salt thereof.

92. (New) The compound of claim 91, wherein X^1 is O.

93. (New) The compound of claim 91, wherein X^2 is O.

94. (New) The compound of claim 91, wherein each of X^1 and X^2 is O.

95. (New) The compound of claim 91, wherein each of Y^1 and Y^2 , independently, is $-\text{CH}_2-$, $-\text{N}(\text{R}^a)-$, or a bond.

96. (New) The compound of claim 91, wherein L is an unsaturated C₄₋₆ hydrocarbon chain containing at least one double bond and no triple bond, said unsaturated hydrocarbon chain being substituted with C₁₋₂ alkyl, C₁₋₂ alkoxy, hydroxyl, -NH₂, -NH(C₁₋₂ alkyl), -N(C₁₋₂ alkyl)₂, -N(C₁₋₂ alkyl)₂, halo, or monocyclic aryl.
97. (New) The compound of claim 96, wherein said double bond is in trans configuration.
98. (New) The compound of claim 91, wherein A is phenyl, naphthyl, indanyl, or tetrahydronaphthyl.
99. (New) The compound of claim 91, wherein A is phenyl optionally substituted with alkyl, alkenyl, hydroxyl, hydroxylalkyl, halo, haloalkyl, or amino.
100. (New) The compound of claim 91, wherein L is an unsaturated C₄₋₆ hydrocarbon chain containing double bonds only in trans configuration, said unsaturated hydrocarbon chain being substituted with C₁₋₂ alkyl, C₁₋₂ alkoxy, hydroxyl, -NH₂, -NH(C₁₋₂ alkyl), -N(C₁₋₂ alkyl)₂, halo, or monocyclic aryl.
101. (New) The compound of claim 100, wherein X¹ is O; X² is O; and each of Y¹ and Y², independently, is -CH₂-, -N(R^a)-, or a bond.